

PUBLIC NOTICE

PERMIT APPLICATION: NRS 07.076

APPLICANT: Ritzen Properties, GP
513 Third Avenue South
Nashville, Tenn. 37210
615-627-3357

LOCATION: Unnamed tributary to McCutcheon Creek and adjacent wetlands, Belshire Village, Spring Hill, Williamson County 35.76998 °N, -86.9200 °W

WATERSHED DESCRIPTION: The main unnamed tributary to McCutcheon Creek is located in the Lower Duck watershed (HUC 06040003) and is not currently assessed for its support of its designated uses. The designated uses for this stream are fish and aquatic life, irrigation, livestock watering and wildlife, and recreation. The receiving stream, McCutcheon Creek, is listed as impaired by sediment, with the source of impairment listed as grazing in the riparian zone and land development (site clearance). The unnamed tributary has a channel width of 2 – 3 feet, depth of 6 inches – 1 foot, a substrate dominated by soils and mixed gravel. The stream flows from the north side of the property for a distance of 175 feet and then dissipates into a wetland system (former pond). The stream riparian zone is predominately herbaceous, with a few scattered trees. There are 0.56 acres of herbaceous wetlands surrounding the historic stream channel within the footprint of an abandoned pond with a breached dam. The surrounding land use is increasing commercial development. Color photos of this stream wetland are available on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/ppo/rap>. The wetland area is a Tier 1 waterbody.

PROJECT DESCRIPTION: The applicant proposes stream relocation, wetland fill, and box culvert installation to accommodate the entrance to a commercial development.

The relocation will take an existing 225 feet of defined channel and the section of stream now converted into wetland by the abandoned impoundment, and create a new channel of 604 linear feet. The new channel will feature in-stream structures such as log check dams, boulder clusters and flow constrictors. The streambed will be lined with one inch washed gravel. The relocated stream will be constructed in the dry with plugs maintained at the upper and lower ends of the existing stream. The relocated channel will have a riparian zone of 15 feet on one bank and 20 on the other. Within this area trees will be planted on 15-foot alternating centers. This channel will be monitored twice a year and annual reports will document vegetation, hydrology habitat and aquatic fauna.

The relocated channel will have a 110 linear foot 12'x4' box culvert installed.

The existing 0.56 acres of wetlands that are in the footprint of the abandoned impoundment will be filled. The applicant proposed to mitigation for the wetland impacts through the purchase of 1.12 credits (2:1 ratio) from the Harpeth Wetland Mitigation Bank.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity would result in degradation to water quality, due to out of watershed wetland mitigation.

USGS TOPOGRAPHIC QUADRANGLE: Spring Hill 63 NW

PERMIT COORDINATOR: Juliana W. Kyzar

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the

proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

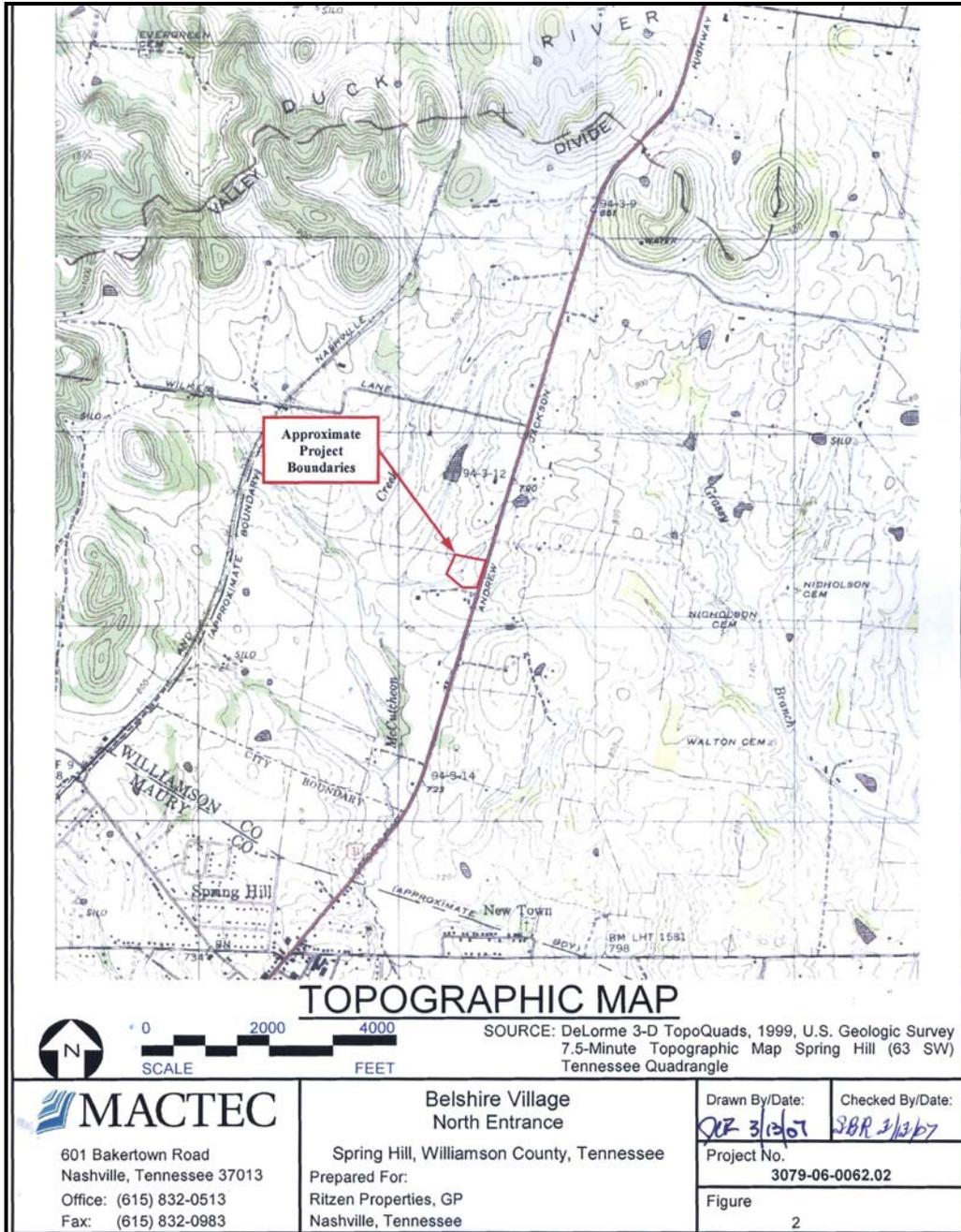


Figure 1: Topographic map with project area indicated.

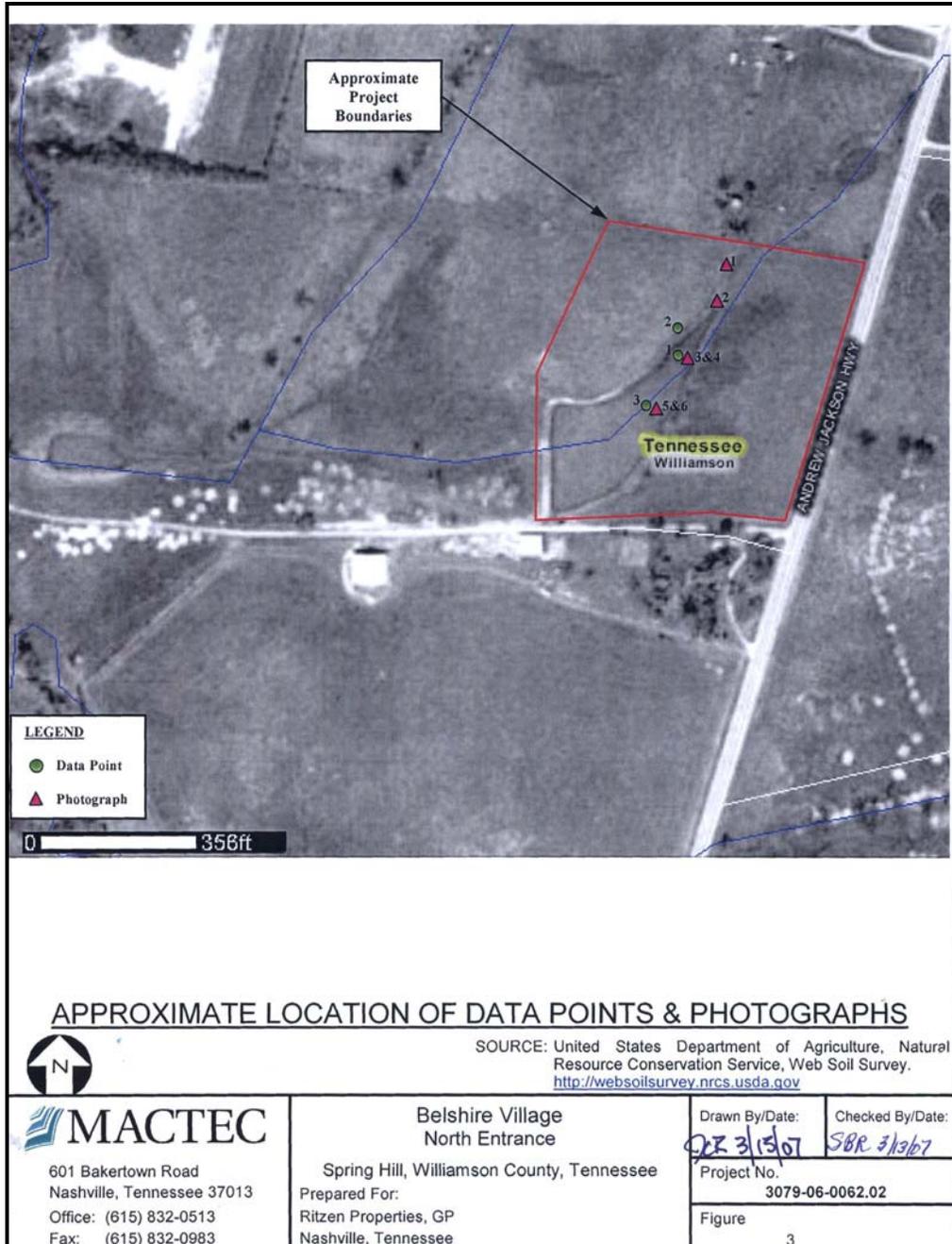


Figure 2: Aerial photo with photograph locations indicated.



Photograph 1: View of stream from northern property boundary facing south



Photograph 2: View of stream facing north from northern wetland boundary



Photograph 3: View from wetland facing north toward stream



Photograph 4: View from northern wetland boundary facing south



Photograph 5: View from center of wetland facing southwest



Photograph 6: View from center of wetland facing northeast

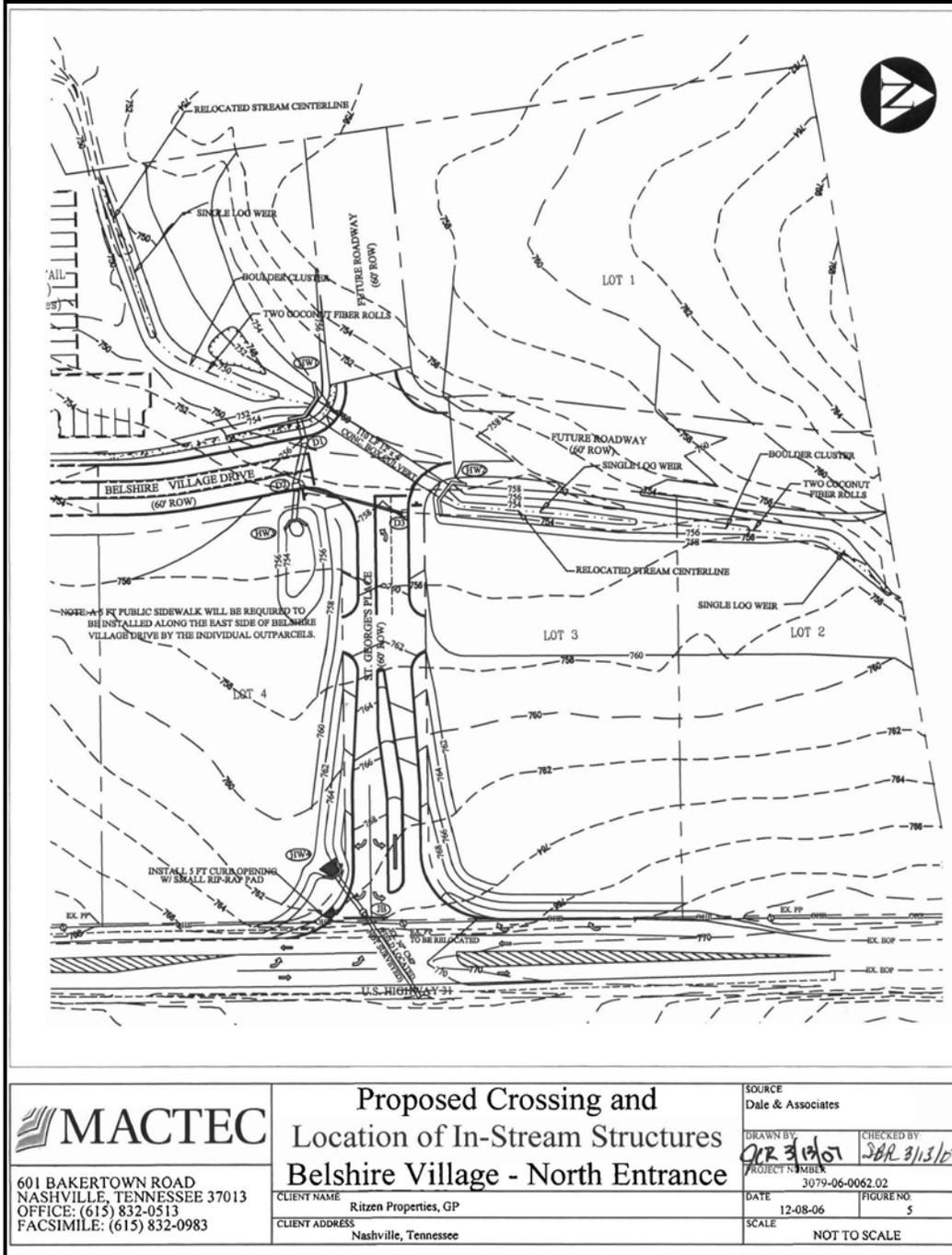


Figure 4: Proposed site conditions

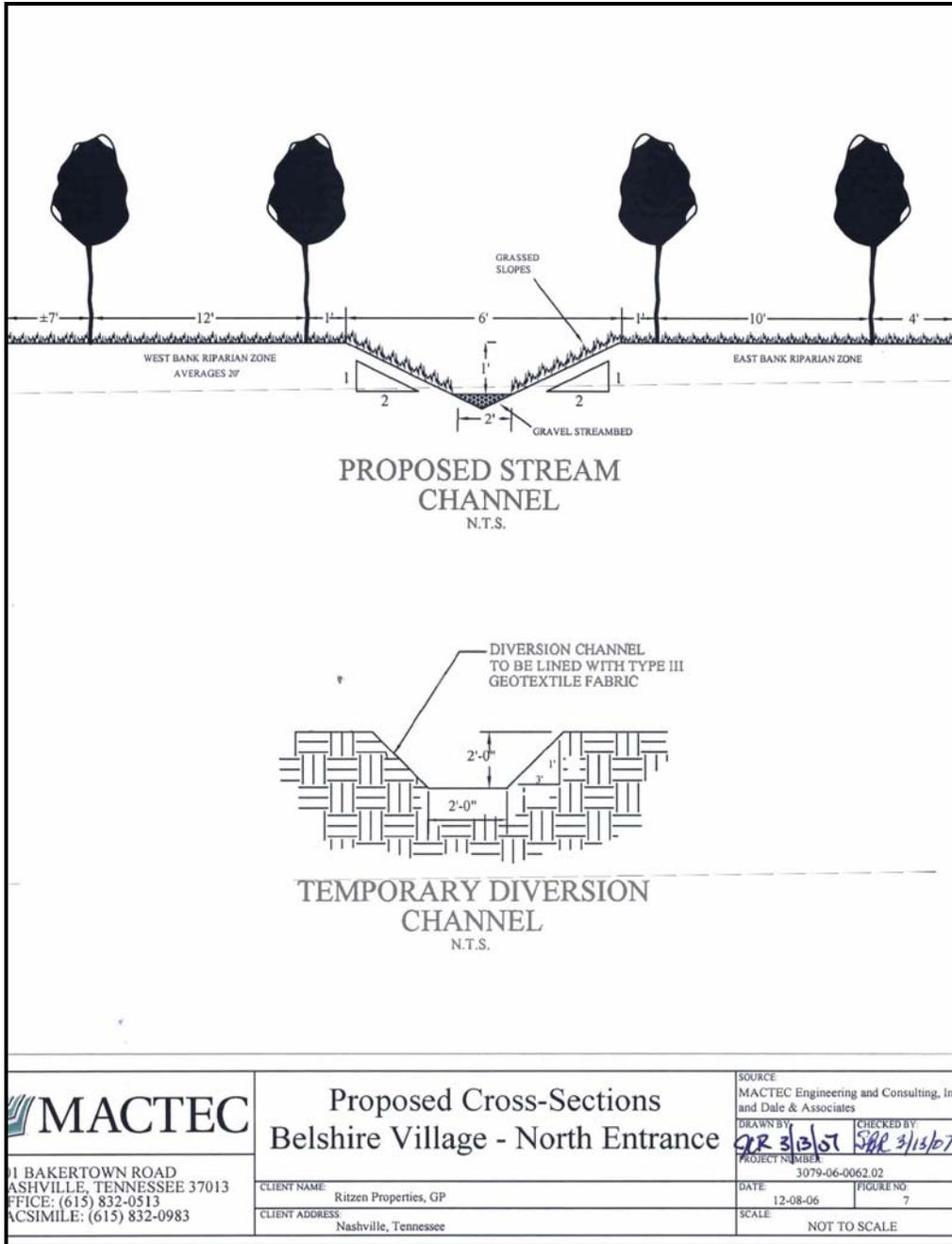


Figure 5: Proposed cross sections